

Page 6

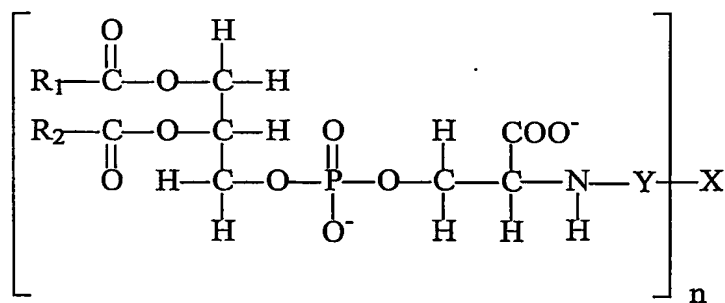
Claims 1-69 (withdrawn).

Claims 70 (currently amended): A compound according to the formula



X is either a mono- or disaccharide, carboxylated disaccharide, mono- or dicarboxylic acids, a salicylate, salicylic acid, aspirin, lactobionic acid, maltose, an amino acid, glycine, acetic acid, butyric acid, dicarboxylic acid, glutaric acid, succinic acid, fatty acid, dodecanoic acid, didodecanoic acid, bile acid, cholic acid, cholesterylhemmisuccinate, a di- or tripeptide, an oligopeptide, a trisaccharide, or a di- or trisaccharide monomer unit of heparin, heparan sulfate, keratin, keratan sulfate, chondroitin, chondroitin-6 sulfate, chondroitin-4 sulfate, dermatin, dermatan sulfate, dextran, or hyaluronic acid a physiologically acceptable monomer, dimer, or oligomer, wherein n is unity, or a physiologically acceptable polymer, wherein n is a number from 1 to 1,000.

Claim 71 (currently amended): A compound according to the formula



wherein

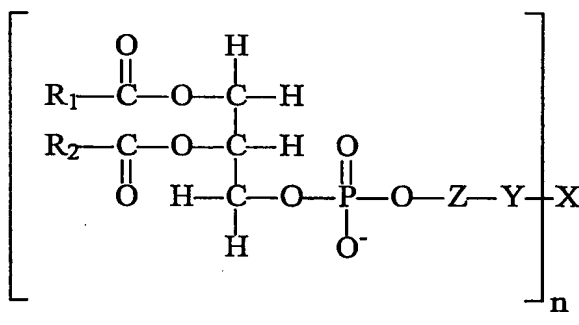
R_1 is a linear, saturated, mono-unsaturated, or poly-unsaturated, alkyl chain ranging in length from 2 to 30 carbon atoms;

R_2 is a linear, saturated, mono-unsaturated, or poly-unsaturated, alkyl chain ranging in length from 2 to 30 carbon atoms;

Y is either nothing or a spacer group ranging in length from 2 to 30 atoms; and

X is either ~~a mono- or disaccharide, carboxylated disaccharide, mono- or dicarboxylic acids, a salicylate, salicylic acid, aspirin, lactobionic acid, maltose, an amino acid, glycine, acetic acid, butyric acid, dicarboxylic acid, glutaric acid, succinic acid, fatty acid, dodecanoic acid, didodecanoic acid, bile acid, cholic acid, cholesterylhemmisuccinate, a di- or tripeptide, an oligopeptide, a trisaccharide, or a di- or trisaccharide monomer unit of heparin, heparan sulfate, keratin, keratan sulfate, chondroitin, chondroitin 6-sulfate, chondroitin 4-sulfate, dermatin, dermatan sulfate, dextran, or hyaluronic acid~~ a physiologically acceptable monomer, dimer, or oligomer, wherein n is unity, or a physiologically acceptable polymer, wherein n is a number from 1 to 1,000.

Claim 72 (currently amended): A compound according to the formula



wherein

R_1 is a linear, saturated, mono-unsaturated, or poly-unsaturated, alkyl chain ranging in length from 2 to 30 carbon atoms;

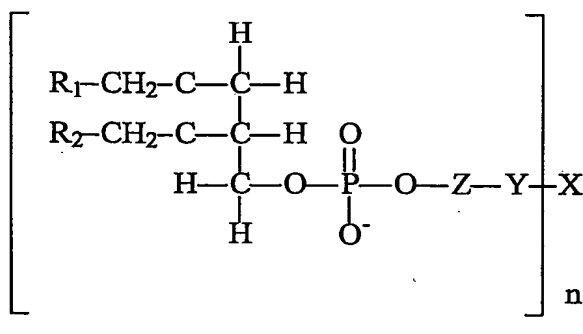
R_2 is a linear, saturated, mono-unsaturated, or poly-unsaturated, alkyl chain ranging in length from 2 to 30 carbon atoms;

Z is either choline, inositol or glycerol;

Y is either nothing or a spacer group ranging in length from 2 to 30 atoms; and

X is either ~~a mono- or disaccharide, carboxylated disaccharide, mono- or dicarboxylic acids, a salicylate, salicylic acid, aspirin, lactobionic acid, maltose, an amino acid, glycine, acetic acid, butyric acid, dicarboxylic acid, glutaric acid, succinic acid, fatty acid, dodecanoic acid, didodecanoic acid, bile acid, cholic acid, cholesterylhemmisuccinate, a di- or tripeptide, an oligopeptide, a trisaccharide, or a di- or trisaccharide monomer unit of heparin, heparan sulfate, keratin, keratan sulfate, chondroitin, chondroitin-6-sulfate, chondroitin-4-sulfate, dermatin, dermatan sulfate, dextran, or hyaluronic acid~~ a physiologically acceptable monomer, dimer, or oligomer, wherein n is unity, or a physiologically acceptable polymer, wherein n is a number from 1 to 1,000.

Claim 73 (currently amended): A compound according to the formula



wherein

R_1 is a linear, saturated, mono-unsaturated, or poly-unsaturated, alkyl chain ranging in length from 2 to 30 carbon atoms;

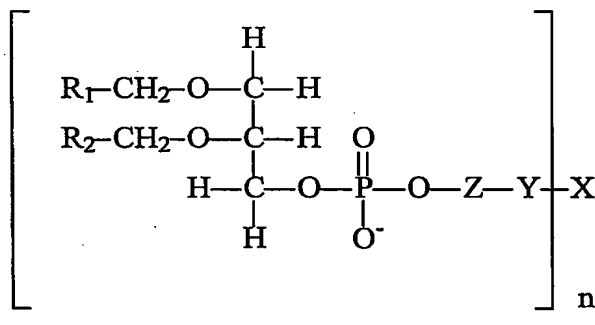
R_2 is a linear, saturated, mono-unsaturated, or poly-unsaturated, alkyl chain ranging in length from 2 to 30 carbon atoms;

Z is either ethanolamine, serine, inositol, choline, or glycerol;

Y is either nothing or a spacer group ranging in length from 2 to 30 atoms; and

X is either a ~~mono or disaccharide, carboxylated disaccharide, mono or dicarboxylic acids, a salicylate, salicylic acid, aspirin, lactobionic acid, maltose, an amino acid, glycine, acetic acid, butyric acid, dicarboxylic acid, glutaric acid, succinic acid, fatty acid, dodecanoic acid, didodecanoic acid, bile acid, cholic acid, cholesterylhemmisuccinate, a di or tripeptide, an oligopeptide, a trisaccharide, or a di or trisaccharide monomer unit of heparin, heparan sulfate, keratin, keratan sulfate, chondroitin, chondroitin 6-sulfate, chondroitin 4-sulfate, dermatin, dermatan sulfate, dextran, or hyaluronic acid~~ a physiologically acceptable monomer, dimer, or oligomer, wherein n is unity, or a physiologically acceptable polymer, wherein n is a number from 1 to 1,000.

Claim 74 (currently amended): A compound according to the formula



wherein

R_1 is a linear, saturated, mono-unsaturated, or poly-unsaturated, alkyl chain ranging in length from 2 to 30 carbon atoms;

R_2 is a linear, saturated, mono-unsaturated, or poly-unsaturated, alkyl chain ranging in length from 2 to 30 carbon atoms;

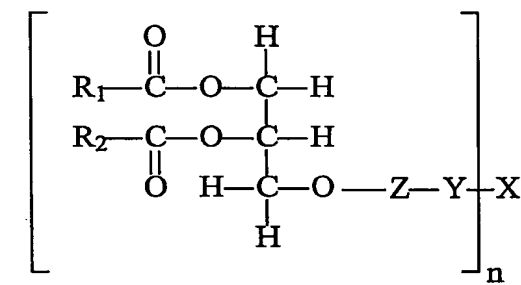
Z is either ethanolamine, serine, inositol, choline, or glycerol;

Y is either nothing or a spacer group ranging in length from 2 to 30 atoms; and

X is either ~~a mono- or disaccharide, carboxylated disaccharide, mono- or dicarboxylic acids, a salicylate, salicylic acid, aspirin, lactobionic acid, maltose, an amino acid, glycine, acetic acid, butyric acid, dicarboxylic acid, glutaric acid, succinic acid, fatty acid, dodecanoic acid, didodecanoic acid, bile acid, cholic acid, cholesterylhemmisuccinate, a di- or tripeptide, an oligopeptide, a trisaccharide, or a di- or trisaccharide monomer unit of heparin, heparan sulfate, keratin, keratan sulfate, chondroitin, chondroitin-6-sulfate, chondroitin-4-sulfate, dermatin, dermatan sulfate, dextran, or hyaluronic acid~~ a physiologically acceptable monomer, dimer, or oligomer, wherein n is unity, or a physiologically acceptable polymer, wherein n is a number from 1 to 1,000.

APPLICANT(S): SAUL YEDGAR
 SERIAL NO.: 09/756,765
 FILED: October 1, 2001
 Page 11

Claim 75 (original): A compound according to the formula



wherein

R₁ is a linear, saturated, mono-unsaturated, or poly-unsaturated, alkyl chain ranging in length from 2 to 30 carbon atoms;

R₂ is a linear, saturated, mono-unsaturated, or poly-unsaturated, alkyl chain ranging in length from 2 to 30 carbon atoms ;

Z is either choline, inositol, or glycerol;

Y is either nothing or a spacer group ranging in length from 2 to 30 atoms; and

X is either ~~a mono- or disaccharide, carboxylated- disaccharide, mono- or dicarboxylic acids, a salicylate, salicylic acid, aspirin, lactobionic acid, maltose, an amino acid, glycine, acetic acid, butyric acid, dicarboxylic acid, glutaric acid, succinic acid, fatty acid, dodecanoic acid, didodecanoic acid, bile acid, cholic acid, cholesterylhemmisuccinate, a di- or tripeptide, an oligopeptide, a trisaccharide, or a di- or trisaccharide monomer unit of heparin, heparan sulfate, keratin, keratan sulfate, chondroitin, chondroitin-6 sulfate, chondroitin-4 sulfate, dermatin, dermatan sulfate, dextran, or hyaluronic acid~~ a physiologically acceptable monomer, dimer, or oligomer, wherein n is unity, or a physiologically acceptable polymer, wherein n is a number from 1 to 1,000.

Claims 76-79 (withdrawn).

Claim 80 (new): The compound according to claim 70 wherein the polymer is a plasma expander, a food additive, a drug additive, polyglycosaminoglycan, hydroxyethylstarch, polyaminoacid, polyethylene, polystyrenes, polyester, polyamide, polyethylene oxide, polyvinylpyrrolidone, polysaccharide, soluble cellulose derivative, alginate, assimilable gum, peptide, injectable blood protein, dextran, cyclodextrin, hyaluronic acid, heparin, heparin sulfate, chondrotin sulfate, chondrotin-6-sulfate, chondroitin-4-sulfate, keratin sulfate, dermatin sulfate or a derivative thereof.

Claim 81 (new): The compound according to claim 70 wherein the monomer, dimer, or oligomer are mono- or disaccharides, carboxylic acid, dicarboxylic acid, fatty acid, dicarboxylic fatty acid, acetyl salicylic acid, cholic acid, cholesterylhemisuccinate, and di- and trisaccharide unit monomers of glycosaminoglycans including heparin, heparan sulfate, hyaluronic acid, chondrotin, chondroitin-6-sulfate, chondroitin-4-sulfate, dermatin, dermatan sulfate, keratin, keratan sulfate, or dextran.

Claim 82 (new): The compound according to claim 71 wherein the polymer is a plasma expander, a food additive, a drug additive, polyglycosaminoglycan, hydroxyethylstarch, polyaminoacid, polyethylene, polystyrenes, polyester, polyamide, polyethylene oxide, polyvinylpyrrolidone, polysaccharide, soluble cellulose derivative, alginate, assimilable gum, peptide, injectable blood protein, dextran, cyclodextrin, hyaluronic acid, heparin, heparin sulfate, chondrotin sulfate, chondrotin-6-sulfate, chondroitin-4-sulfate, keratin sulfate, dermatin sulfate or a derivative thereof.

Claim 83 (new): The compound according to claim 71 wherein the monomer, dimer, or oligomer are mono- or disaccharides, carboxylic acid, dicarboxylic acid, fatty acid, dicarboxylic fatty acid, acetyl salicylic acid, cholic acid, cholesterylhemisuccinate, and di- and trisaccharide unit monomers of glycosaminoglycans including heparin, heparan sulfate, hyaluronic acid, chondrotin, chondroitin-6-sulfate, chondroitin-4-sulfate, dermatin, dermatan sulfate, keratin, keratan sulfate, or dextran.

APPLICANT(S): SAUL YEDGAR
SERIAL NO.: 09/756,765
FILED: October 1, 2001
Page 13

Claim 84 (new): The compound according to claim 72 wherein the polymer is a plasma expander, a food additive, a drug additive, polyglycosaminoglycan, hydroxyethylstarch, polyaminoacid, polyethylene, polystyrenes, polyester, polyamide, polyethylene oxide, polyvinylpyrrolidone, polysaccharide, soluble cellulose derivative, alginate, assimilable gum, peptide, injectable blood protein, dextran, cyclodextrin, hyaluronic acid, heparin, heparin sulfate, chondrotin sulfate, chondrotin-6-sulfate, chondroitin-4-sulfate, keratin sulfate, dermatin sulfate or a derivative thereof.

Claim 85 (new): The compound according to claim 72 wherein the monomer, dimer, or oligomer are mono- or disaccharides, carboxylic acid, dicarboxylic acid, fatty acid, dicarboxylic fatty acid, acetyl salicylic acid, cholic acid, cholesterylhemisuccinate, and di- and trisaccharide unit monomers of glycosaminoglycans including heparin, heparan sulfate, hyaluronic acid, chondrotin, chondroitin-6-sulfate, chondroitin-4-sulfate, dermatin, dermatan sulfate, keratin, keratan sulfate, or dextran.

Claim 86 (new): The compound according to claim 73 wherein the polymer is a plasma expander, a food additive, a drug additive, polyglycosaminoglycan, hydroxyethylstarch, polyaminoacid, polyethylene, polystyrenes, polyester, polyamide, polyethylene oxide, polyvinylpyrrolidone, polysaccharide, soluble cellulose derivative, alginate, assimilable gum, peptide, injectable blood protein, dextran, cyclodextrin, hyaluronic acid, heparin, heparin sulfate, chondrotin sulfate, chondrotin-6-sulfate, chondroitin-4-sulfate, keratin sulfate, dermatin sulfate or a derivative thereof.

Claim 87 (new): The compound according to claim 73 wherein the monomer, dimer, or oligomer are mono- or disaccharides, carboxylic acid, dicarboxylic acid, fatty acid, dicarboxylic fatty acid, acetyl salicylic acid, cholic acid, cholesterylhemisuccinate, and di- and trisaccharide unit monomers of glycosaminoglycans including heparin, heparan sulfate, hyaluronic acid, chondrotin, chondroitin-6-sulfate, chondroitin-4-sulfate, dermatin, dermatan sulfate, keratin, keratan sulfate, or dextran.

APPLICANT(S): SAUL YEDGAR
SERIAL NO.: 09/756,765
FILED: October 1, 2001
Page 14

Claim 88 (new): The compound according to claim 74 wherein the polymer is a plasma expander, a food additive, a drug additive, polyglycosaminoglycan, hydroxyethylstarch, polyaminoacid, polyethylene, polystyrenes, polyester, polyamide, polyethylene oxide, polyvinylpyrrolidone, polysaccharide, soluble cellulose derivative, alginate, assimilable gum, peptide, injectable blood protein, dextran, cyclodextrin, hyaluronic acid, heparin, heparin sulfate, chondrotin sulfate, chondrotin-6-sulfate, chondroitin-4-sulfate, keratin sulfate, dermatin sulfate or a derivative thereof.

Claim 89 (new): The compound according to claim 74 wherein the monomer, dimer, or oligomer are mono- or disaccharides, carboxylic acid, dicarboxylic acid, fatty acid, dicarboxylic fatty acid, acetyl salicylic acid, cholic acid, cholesterylhemisuccinate, and di- and trisaccharide unit monomers of glycosaminoglycans including heparin, heparan sulfate, hyaluronic acid, chondrotin, chondroitin-6-sulfate, chondroitin-4-sulfate, dermatin, dermatan sulfate, keratin, keratan sulfate, or dextran.